

20001204.ba v03_n049.bam.20001204

>From ???@??? Mon Dec 4 02:00:33 2000 -0600
Date: Mon, 4 Dec 2000 01:58:09 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3049
Message-Id: <20001204090605.1E5295EAC@devel43.theporch.com>

BOATANCHORS Digest 3049

Topics covered in this issue include:

- 1) Fw: Off topic but Interesting TV Program
by "Hue Miller" <kargokult@proaxis.com>
- 2) WTB: Front grill 312B-3
by "Sven Grandell" <sierra.victor@swipnet.se>
- 3) Drake 1-A Webpage
by "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
- 4) Pro 310 speaker
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 5) [NO SUBJECT]
by JOHN.SEHRING@ecunet.org
- 6) MUSEUM OF BROADCAST COMMUNICATION / CHICAGO
by JOHN.SEHRING@ecunet.org
- 7) Re: Wrench for Knurled Nuts (toggle switch)
by "John Dilks, K2TQN" <oldradio@worldnet.att.net>
- 8) FT-101EE Help Please
by GeorgeHumphrey <gah@koyote.com>
- 9) Svetlana tube source in jeopardy
by Scott Robinson <spr@earthlink.net>
- 10) Fawncy html
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 11) Valiant II / crystal hole plug
by AA5QT@aol.com
- 12) Re: Questions:
by William Donzelli <aw288@osfn.org>
- 13) Utah Junior Transmitter?
by john <johnmb@mindspring.com>
- 14) Re: Enigma and captured U-boats
by "Richard Brunner" <rbrunner@gis.net>
- 15) Re: Trimmer cap resusitation?
by "Richard Brunner" <rbrunner@gis.net>
- 16) Re: Sgt. Friday busts TV repair scam
by William Donzelli <aw288@osfn.org>
- 17) Re: Utah Junior Transmitter?
by "Mike Feher" <n4fs@monmouth.com>
- 18) Re: Enigma and captured U-boats

- by Jerry Proc <jproc@idirect.com>
- 19) ping
by Phillip Porch <ppp@theporch.com>
- 20) 312B-2 meter wanted; BC-611 Alignment Fixture question
by Paul Nelson <drhydro@uswest.net>
- 21) Re: HP 608 help
by "Barry L. Ornitz" <ornitz@tricon.net>
- 22) Re: Trimmer cap resuscitation?
by "Barry L. Ornitz" <ornitz@tricon.net>
- 23) Re: 312B-2 meter wanted; BC-611 Alignment Fixture question
by "Mike Feher" <n4fs@monmouth.com>
- 24) Re: Wrench for Knurled Nuts (toggle switch)
by W7QH0@aol.com

Message-ID: <000d01c05cba\$667fd520\$c6fd91c6@oemcomputer>
From: "Hue Miller" <kargokult@proaxis.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Fw: Off topic but Interesting TV Program
Date: Sat, 2 Dec 2000 15:48:38 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Forwarded from a post to another group, by Mike Everette:

> PBS is to air a new documentary, "Tesla: Master of Lightning," on
> Tuesday,
> December 12.
>
> A web site accompanies the documentary:
>
> www.pbs.org/tesla/index.html
>
> Nikola Tesla was a Serbian immigrant, a contemporary of Thomas
Edison and
> Guglielmo Marconi. Tesla is credited with developing alternating
current
> technology; some even credit him with the invention of radio.

From: "Sven Grandell" <sierra.victor@swipnet.se>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTB: Front grill 312B-3
Date: Sun, 3 Dec 2000 00:51:52 +0100
Message-ID: <01c05cba\$d85e3920\$187997d4@default>

MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_0079_01C05CC3.3A22A120"

Det h r  r ett multipart-meddelande i MIME-format.

-----=_NextPart_000_0079_01C05CC3.3A22A120
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi BA:s,
I am going to restore a 312B-3 speaker and need a new front panel.
Can paint it myself if needed but no dents accepted.
Emblem isn=B4t needed either. Thanks in advance for info.
73, Sven, SM3SV

-----=_NextPart_000_0079_01C05CC3.3A22A120
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----=_NextPart_000_0079_01C05CC3.3A22A120--

Message-Id: <4.2.0.58.20001202235222.00a9bd18@miavx1.muohio.edu>
Date: Sat, 02 Dec 2000 23:58:31 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
Subject: Drake 1-A Webpage
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang,

I spent the afternooon aligning and spiffing up my Drake 1-A, and added a web page on the radio to my website. If you're interested in the 1-A, you can check out my new web page at

<http://www.muohio.edu/~4cx250b/web/drake1a.htm>

73,

Jim Garland W8ZR

W8ZR Amateur Radio Website: <http://www.muohio.edu/~4cx250b/web/>

Date: Sun, 3 Dec 2000 10:02:11 -0500 (EST)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200012031502.KAA06383@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Pro 310 speaker

I've wanted one a long time & have it on my holiday gift list

If you have one to match my rx call Aimee 803-256-0215 or Jeff
303-786-4422 & make a deal

I've owned a good example for years & have always admired it's
looks - like right at home in the club car of the Burlington Zephyr.
And I keep her running* and in frequent use. Just ask W8ZR.

Now I want the speaker

Thanks for the reading!

Marty

*just changed electrolytic filter & brought up B+ 20%... thing sorta
has a new life and...

there's a Pro 310 on that auction site now - read it & gape. No
speaker

Date: Sun, 3 Dec 2000 10:27:09 -0500 (EST)
Message-Id: <200012031527.eB3FR9I31941@ecunet.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: [NO SUBJECT]
From: JOHN.SEHRING@ecunet.org

To: boatanchors@theporch.com

Thanks to all who gave me tips on things to see & do in Chicago! Much appreciated by an out-of-towner.

-John Sehring (12/01/00, temp. at RPSL MedCenter/Chicago) UCC WB0EQ

Date: Sun, 3 Dec 2000 10:27:07 -0500 (EST)
Message-Id: <200012031527.eB3FR7Z13658@ecunet.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: MUSEUM OF BROADCAST COMMUNICATION / CHICAGO
From: JOHN.SEHRING@ecunet.org

To: boatanchors@theporch.com

Trip to Museum of Bdcst Comm was most interesting. It's in the Chicago Cultural Center a beautiful building.

Highlights for me, tv's:

1. The oldest DuMont I've ever seen, I'd guess maybe just pre-WWII. About 10" round CRT, 2 vertically stacked chassis, covers ch. 1 of course.

Many, many controls on rear of chassis, each one has a small knob on it, implies these adjustments would need to be made quite often, nes pa?! Couldn't see enuf to ck tube types. Ad for similar model claims "suitable for bars"! (Comes with chicken wire cage?? re Blues Brothers orig. film.)

A rather low, narrow cabinet, looks def pre war to me from its styling but maybe right after.

2. Another Dumont similar to one my uncle had. Used Mallory Inductotuner, gave *continuous* coverage 50 to 220 MHz on about a 36" folded over dial. It even had a motor to drive it for rapid QSY! Center of channel tuning meter driven by FM sound detector. Also, nice SW, individual bands for 49, 31, 25, 19 & 16m coverage. I recall something like 807's as deflection amps.

My uncle's had about 12" CRT. Museum's has a larger CRT, maybe 15-17". It's stored with CRT face up, it swivels out of top of center of cabinet to normal position, sticks up in middle of cabinet. Man, what a lot of wire to move around.

3. RCA Victor projection set. Screen was folded into center top of cabinet, I had to look around for guards & poke into this one to see what

it was. Has canvas hood on back of screen which leads down to projector, keep stray light out I guess. Large cabinet, 5' wide, 4' high. Someone had sawed off the leading edge of the top of the cabinet, oy vey!

There were almost no/none notes with most sets, or very skimpy. The 3 above not id'd at all. Too bad. I'd love to take a thorough look at them, how interesting it would be. More notes would be lovely. If I lived here, I might offer to do it. The thrust of the mus. seems less technical, more broadcast content.

Large collection of table top radios too. At least 3 samples of Zenith "black shutter" type in floor & end table cabinets. What's the general opinion of their performance & design? Did it come up to Magnavox?

Also one of tv cameras used to broadcast Kennedy/Nixon debate of 1960. Would be nicer if sides of it were unbuottoned.

I will go back for 2nd viewing.

Upstairs are archives of radio & tv, you can select from computerized data base & view them. Oldest tv stuff I found was 1945-1948.

-John Sehring (12/01/00, temp. at RPSL MedCenter/Chicago) UCC WB0EQ

Message-Id: <4.3.2.7.0.20001203113618.00bb8490@postoffice.worldnet.att.net>
Date: Sun, 03 Dec 2000 11:40:46 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "John Dilks, K2TQN" <oldradio@worldnet.att.net>
Subject: Re: Wrench for Knurled Nuts (toggle switch)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:46 AM 12/3/2000 -0500, Greg Gore wrote:

>Hi BA devotees, I'm glad to see this topic come up as I have been looking for
>something that would properly remove, install and tighten these nuts.

To Greg and all,

I have one of those tools (somewhere?) that I picked up from a radio estate sale. It fits those nuts exactly. So there must be some of these tools out there somewhere. If I come across it, I'll look to see if there is a manufacturer name on it.

I would suggest looking in McMaster's or Greenlee tool catalogs. No doubt they still have some in their old stock?

73' John, K2TQN

Message-Id: <3.0.6.32.20001203124543.0084a620@mail.koyote.com>
Date: Sun, 03 Dec 2000 12:45:43 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: GeorgeHumphrey <gah@koyote.com>
Subject: FT-101EE Help Please
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Good Afternoon,

I know we are all busy with pre-Santa stuff, but I have a couple of questions on this last of the tube rigs from Yaesu. I picked up a real clean unit with a couple of problems. It was stated that the 10M crystal installation had begun but was not finished. All I can find in the book is the addition of a certain freq crystal to make that mod. Are any of you aware of any wiring changes to accomplish this mod?

Second question, it came without power harnesses which I thought would be no problem. The unit has a 12 position Cinch Jones type connector which I cannot find in any of my catalogs. Also, the manual does not explain what pins to use for a 120VAC harness and what pins to use for a 12VDC harness.

Any and all help appreciated, and I will put in a good word for you the next time I see Santa.

73 de George

Message-Id: <v03007800b6506d633aaf@[209.179.246.56]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 3 Dec 2000 13:37:49 -0800
To: Old Tube Radios <boatanchors@theporch.com>
From: Scott Robinson <spr@earthlink.net>
Subject: Svetlana tube source in jeopardy

Folks,

I hear through the rumor mill that Svetlana is in business distress. Buy your spares now...

Regards,

Scott Robinson

spr@earthlink.net

Junque is GOOD for you!

Date: Sun, 3 Dec 2000 19:42:11 -0500 (EST)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200012040042.TAA06977@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Fawncy html

<html>
<pre>

fooled you

</pre>
</html>

From: AA5QT@aol.com
Message-ID: <cc.d8de83f.275c4967@aol.com>
Date: Sun, 3 Dec 2000 20:12:07 EST
Subject: Valiant II / crystal hole plug
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Anybody need one of these? I have an extra. It's the gray plug that covers the crystal hole. The knob piece is knurled, but I'll supply an extra fluted/ribbed one if someone wants to really be original. Or it could be painted maroon and used with a Valiant/Ranger.

I'm offering this for free (just postage) - as I know, for some strange reason, they seem to disappear and are difficult to find.

73, Gary K5QT (Dallas area)

Date: Sun, 3 Dec 2000 20:59:16 -0500 (EST)
From: William Donzelli <aw288@osfn.org>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>,
DC BoatAnchorites <dcboatanchors@qth.net>
Subject: Re: Questions:
Message-ID: <Pine.SUN.3.91-FP.1001203205324.7049C-1000000@osfn.org>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Do any of the military radio experts know what an RAH is ?

Possibly the mid-1930s failed fleet receiver, made by Sylvania. I think it was in competition with the RAL, but apparently lost. Like the RAL had an LF twin called RAK, RAH had a twin called RAG. TRF sets, I think.

Who knows if these Sylvania sets were actually used - if they did survive until our entry into the war, they were likely pulled out of service very quickly.

I don't have any real tech info on the thing, but the RAG/RAH pair do show up in a very few directories.

I am trying not to drool.

William Donzelli
aw288@osfn.org

Message-Id: <3.0.3.32.20001203212203.00d501c4@mindspring.com>
Date: Sun, 03 Dec 2000 21:22:03 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@mindspring.com>
Subject: Utah Junior Transmitter?
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Long ago, in a post far away, someone answered my plea for manual/docs for this little transmitter.

If you're still around, I'd still love to have a scan/copy of the info, and will naturally pay the cost of copy/mailing.

Thanks, and I hope everyone has a wonderful holiday season.

>From snowy NC,
John

John Brewer - WB50AU/4
AMI #24
Clayton NC
johnmb@mindspring.com

Message-ID: <006901c05d97\$c568d2c0\$52e2d13f@tne1tcds>
From: "Richard Brunner" <rbrunner@gis.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Enigma and captured U-boats
Date: Sun, 3 Dec 2000 20:59:53 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

" Battle of Wits : The Complete Story of Codebreaking in World War II
by Stephen Budiansky covers both British and American exploits and includes
more info on American hardware than I have seen elsewhere."

Actually, the Polish Intelligence was decrypting Enigma first. When Poland
was overrun, they handed everything over to the Brits.

Richard Brunner, AA1P, rbrunner@gis.net

Message-ID: <006a01c05d97\$c6430620\$52e2d13f@tne1tcds>
From: "Richard Brunner" <rbrunner@gis.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Trimmer cap resusitation?
Date: Sun, 3 Dec 2000 21:12:27 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

" A 4-30pf trimmer cap in the local osciallator circuit of a TMC FFR I'm
working on has decreased in value to less than 12 pf. max. This is a
ceramic trimmer with half-turn operation. Is there a way to resusitate
these trimmers?"

I think I have seen this before, in an SX-28. The ceramic has a coating of
silver on one side, that has oxidized away, hence having little if any
capacitance. You may be able to re-coat it with silver-conductive paint. I
opted for replacement.

Richard Brunner, AA1P, rbrunner@gis.net

Date: Sun, 3 Dec 2000 21:31:12 -0500 (EST)
From: William Donzelli <aw288@osfn.org>
To: Old Tube Radios <boatanchors@theporch.com>

cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Sgt. Friday busts TV repair scam
Message-ID: <Pine.SUN.3.91-FP.1001203212322.7049D-1000000@osfn.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> I tuned in the last part of the "Radio Drama Hour" last nite
> (2100-2200 PST, KNX 1070 kHz LA-CA) and heard to
> my surprise, the detectives on the old radio show "Dragnet"
> (later a TV show also) discussing vacuum tubes. It seems
> a certain Video Repair shop in LA had been cheating
> customers, so the LAPD took in a TV with a known problem
> and the rest of the parts marked with some kind of
> invisible marking.

Sort of true, too. In the 1950s there was a huge rebranding scam in the tube business, with customers buying "new" tubes when all they were getting were cleaned up duds, and the tube makers having to pay for failed tubes during their warranty period because of fiddling with the datecodes by the crooks.

There is an article about this in an old TV and Radio News, but I am not sure which one.

Keep in mind there was quite a lot of very legit rebranding done during the 1950s and 60s as well, with even the big makers like RCA buying stock from rivals and putting their mark on the base.

William Donzelli
aw288@osfn.org

Message-ID: <009f01c05d9e\$1de90400\$378abd18@n4fs>
From: "Mike Feher" <n4fs@monmouth.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Utah Junior Transmitter?
Date: Sun, 3 Dec 2000 21:58:43 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John -

I also have a UTAH Jr. as well as the instructions that came with it. I promised a long time ago that I would scan it for another fellow and I think I emailed him 1 or 2 pages. Hope he reads this post as I have lost his email. Maybe with two people urging me to scan the manual I'll get around to

it, HI. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell NJ, 07731
(732) 901-9193

----- Original Message -----

From: "john" <johnmb@mindspring.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Sunday, December 03, 2000 9:22 PM
Subject: Utah Junior Transmitter?

> Long ago, in a post far away, someone answered my plea
> for manual/docs for this little transmitter.
>
> If you're still around, I'd still love to have a scan/copy of the
> info, and will naturally pay the cost of copy/mailing.
>
> Thanks, and I hope everyone has a wonderful holiday season.
>
> >From snowy NC,
> John
>
> -----
> John Brewer - WB50AU/4
> AMI #24
> Clayton NC
> johnmb@mindspring.com
> -----
>
>

Message-ID: <3A2B06BD.7AFB1DDE@idirect.com>
Date: Sun, 03 Dec 2000 21:51:42 -0500
From: Jerry Proc <jproc@idirect.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
Subject: Re: Enigma and captured U-boats
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Nick England wrote:

> The Hollywood version has forced a British rebuttal film evidently. I
> understand there is a movie (funded by Mick Jagger!?) --

Hi Nick,

That's no co-incidence. Mick Jagger is an Enigma collector so he has a vested interest in getting the facts straight. I understand he owns one of the rare Kriegsmarine versions.

Regards,
Jerry Proc VE3FAB jproc@idirect.com
<http://webhome.idirect.com/~jproc/ve3fab>
HMCS HAIDA Historic Naval Ship, Toronto Ontario

Date: Sun, 3 Dec 2000 23:01:27 -0600 (CST)
From: Phillip Porch <ppp@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ping
Message-ID: <Pine.SC5.4.21.0012032301020.9290-100000@sco.theporch.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Test posting to the BA list to make sure things are working after a short vacation.

--
Phillip P. Porch <root@sco.theporch.com> NIC:PP1573 finger for
<http://www.theporch.com> UTM - 16 514548E 3994397N PGP key
Key fingerprint = F9 4D 41 7D 25 31 A5 1F 65 93 6B 84 A9 F9 5B 90

Mime-Version: 1.0
Message-Id: <v04210100b650d6c58853@[10.0.0.2]>
Date: Mon, 4 Dec 2000 00:17:26 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Paul Nelson <drhydro@uswest.net>
Subject: 312B-2 meter wanted; BC-611 Alignment Fixture question
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Good day, folks-

A friend is restoring a Collins 312B-2 station monitor- this one is

for the KWM-2 types. and has a defunct meter. Cracked face as well as open movement. I think unsalvageable, even with my microsurgical skills under the B&L stereo microscope. Does anyone have a replacement? This one is an edge-mounted movement, fits into an 0.5" by 1 9/16" (as I remember) hole, scale is 0-200 watts... do not know what the movement is, but it has an internal series resistor of 550 ohms.

Second Q- I have a BC-611 alignment fixture, with stand. A little rough, but definitely restorable. Question is, what should it look like? The steel stand seems to have aluminum colored wrinkle finish, but is somewhat rusty... the 611 case has a good bit of corrosion but seems to have not been originally painted. What's the best way to approach this? Anyone have one in good condition that pics could be taken of?

Thanks! and happy holiday to all.....

Paul Nelson W5GNF
Ames, Iowa

"When I go, I want to go quietly, in my
sleep, like my grandfather- not
screaming, like his passengers."

(DrHydro@uswest.net)

Cessna 140 N77149

"More hay, Trigger?"

"No thanks, Roy, I'm stuffed."

Message-ID: <005301c05db1\$7329fce0\$964d62d8@naxs.com>

From: "Barry L. Ornitz" <ornitz@tricon.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: HP 608 help

Date: Mon, 4 Dec 2000 00:17:06 -0500

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Randy Zelick asked about his HP-608F.

In my HP-608D, I discovered that the actual filament voltage AT THE TUBE SOCKETS was much less than it should be. My unit uses an audio oscillator running off regulated HV to produce the filament voltage. The RF decoupling network that gets the filament voltage inside the sealed RF compartment has considerable voltage drop. Using their adjustment procedure, I got only 5 volts at the filaments. Taking the cover off, and measuring with my VTVM at the socket allowed the proper adjustment and operation returned to normal. a modern digital meter would not work here because of the high level of RF present. The old VTVM with its 1 Meg resistor in the probe totally ignores the RF.

You may also be having a problem with the miniature resistors in the attenuator unit. They terminate the trombone (waveguide beyond cutoff) attenuator. If they are changed you need to calibrate the attenuator which means adjusting the position and shape of the coupling loop. A change in attenuation over a band is often an indication of an improperly adjusted coupling loop. Proper calibration requires a thermistor or thermocouple power sensor.

Finding those resistors might be a problem. I would use modern chip resistors as their replacement.

By the way, my unit uses a 5875 and 5876 pencil tubes.

One of the best things to prolong the unit's life is to put a small fan on the 6080 regulator tubes!

73, Barry WA4VZQ ornitz@tricon.net

Message-ID: <006001c05db2\$586eeb80\$964d62d8@naxs.com>
From: "Barry L. Ornitz" <ornitz@tricon.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Trimmer cap resuscitation?
Date: Mon, 4 Dec 2000 00:23:31 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bob Nickels wrote:

> A 4-30pf trimmer cap in the local oscillator circuit of a TMC FFR I'm
> working on has decreased in value to less than 12 pf. max. This is a
> ceramic trimmer with half-turn operation. Is there a way to resuscitate
> these trimmers? I'm not sure what the failure mode is, or whether it's
> permanent.

I have seen the silver of this style trimmer slowly disappear. They were made by sputtering a thin coating of silver on the ceramic. Oxidation and corrosion over the years can make this extremely thin coating wear away. Barring a vacuum deposition furnace, I know of no good way to repair them. You might consider trying some silver or nickel conductive paint, but I doubt if this will be successful.

73, Barry WA4VZQ ornitz@tricon.net

Message-ID: <00bc01c05db2\$804f0cc0\$378abd18@n4fs>

From: "Mike Feher" <n4fs@monmouth.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 312B-2 meter wanted; BC-611 Alignment Fixture question
Date: Mon, 4 Dec 2000 00:24:38 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Paul -

I have a complete BC-611 test set with stand and could take a photo of it for you. However, I am leaving for Cedar Rapids early in the morning and will not be back for a week. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell NJ, 07731
(732) 901-9193

----- Original Message -----

From: "Paul Nelson" <drhydro@uswest.net>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Monday, December 04, 2000 12:17 AM
Subject: 312B-2 meter wanted; BC-611 Alignment Fixture question

> Good day, folks-

>

> A friend is restoring a Collins 312B-2 station monitor- this one is
> for the KWM-2 types. and has a defunct meter. Cracked face as well as
> open movement. I think unsalvageable, even with my microsurgical
> skills under the B&L stereo microscope. Does anyone have a
> replacement? This one is an edge-mounted movement, fits into an 0.5"
> by 1 9/16" (as I remember) hole, scale is 0-200 watts... do not know
> what the movement is, but it has an internal series resistor of 550
> ohms.

>

> Second Q- I have a BC-611 alignment fixture, with stand. A little
> rough, but definitely restorable. Question is, what should it look
> like? The steel stand seems to have aluminum colored wrinkle finish,
> but is somewhat rusty... the 611 case has a good bit of corrosion but
> seems to have not been originally painted. What's the best way to
> approach this? Anyone have one in good condition that pics could be
> taken of?

>

> Thanks! and happy holiday to all.....
> Paul Nelson W5GNF "When I go, I want to go quietly, in my
> Ames, Iowa sleep, like my grandfather- not
> screaming, like his passengers."
> (DrHydro@uswest.net)
> "More hay, Trigger?"
> Cessna 140 N77149 "No thanks, Roy, I'm stuffed."
>
>

From: W7QH0@aol.com
Message-ID: <24.dd39d22.275ca866@aol.com>
Date: Mon, 4 Dec 2000 02:57:26 EST
Subject: Re: Wrench for Knurled Nuts (toggle switch)
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Wow! Last (and only) time I saw one of these was in 1958. A technician in a government lab where I worked had one. Both he and the tool were real old-timers and he guarded it with his life.

Dennis D. W7QH0

End of BOATANCHORS Digest 3049
